

**11-13 September 2024**  
Bordeaux School of  
Neuroscience  
France

**Target audience:**

ECNP members and non-members.  
PhD students, early career, clinician  
researchers, senior scientists etc.

Some **prior knowledge of the program-**  
**ing language R** is recommended (ele-  
mentary knowledge and onwards).

**Application requirements:**

- CV and motivation letter
- Recommendation (head of department)
- Application form (website Bordeaux  
School of Neuroscience )

**Send your application to**  
sekre.baune@ukmuenster.de

**Deadline: 30.07.2024**

Registration follows after notification  
from the selection committee.

**Registration fee:**

300€ per participant.  
All fees & Accomodation included. Transportation  
not included (travel award available)

**More information:**

<https://www.bordeaux-school-of-neuroscience.eu>

**Bordeaux School of  
Neuroscience  
France**



**Organizing Committee**

Bernhard Baune  
Marie-Claude Potier  
Giuseppe Fanelli  
Alessandra Minelli  
Anjali Sankar  
Mara Dierssen  
Alessandro Serretti  
Evelien Van Assche  
François-Xavier Lejeune  
Júlia Perera Bel  
Patrick Fisher

**Bordeaux School of Neuroscience**

Christophe Mulle  
Antonella Caminiti



**WIN A 500€  
TRAVEL AWARD**

**Summer School:**

**Clinical, -omics and  
imaging biomarkers  
of complex psychiatric  
disorders**

**DEADLINE  
EXTENDED**

**Chairs:**

Marie-Claude Potier  
Giuseppe Fanelli  
Alessandra Minelli  
Anjali Sankar  
Bernhard Baune

**11-13 September 2024**

Bordeaux School of Neuroscience, France

By the  
**ECNP Network on  
Pharmacogenomics and  
transcriptomics**  
&  
**ECNP Network on Suicide  
Research and Prevention**

Psychiatric disorders and suicidal behavior are the result of complex interactions between genomic variations, epigenetic modifications, and other regulatory mechanisms that affect gene expression. Understanding the mechanisms underlying gene expression may not only help in diagnosis and prediction of treatment response but also provide valuable insights into the molecular mechanisms of drug's action.

Using, for example, co-expression network analysis-based methods, disease-relevant clusters of co-regulated genes can be identified and further integrated with genetic and epigenetic data for a comprehensive investigation of biological underpinnings of mental illness and for predicting psychiatric disorders and suicide risk.

**Speakers:**

Bernhard Baune, Francesco Benedetti, Mara Dierssen, Giuseppe Fanelli, Patrick Fisher, Lalit Kaurani, François-Xavier Lejeune, Alessandra Minelli, Júlia Perera-Bel, Claudia Pisanu, Marie-Claude Potier, Anjali Sankar, Alessandro Serretti, Alessio Squassina, Evelien Van Assche

This summer school will focus on the **integration** of clinical, imaging, and genetics/omics biomarkers to diagnose and improve pharmacological treatment of psychiatric disorders and related conditions including suicidal behaviors.

It aims to blend clinical psychiatry with molecular genetics and transcriptomics through **theoretical sessions** and **practical workshops**, data management, analysis, and interpretation for psychiatric conditions and traits, including major depression, bipolar disorder, schizophrenia and suicidality...

**... all in the inviting and beautiful city of Bordeaux**

**Overarching themes for the theoretical and practical sessions include:**

- ◇ Comprehensive state-of-the-art of the basics and new developments in neuropsychopharmacology and suicide research.
- ◇ Introduction to relevant methodologies with the most advanced techniques of analysis for suicide research: research on clinical, neuroimaging, and genetic aspects of suicide and related phenotypes, and for pharmacogenomics: genetics, transcriptomics and epigenetics.
- ◇ Exploring pharmacogenomics and related concepts in psychiatric disorders with an overview of its use in diagnosis, patient stratification and treatment response prediction.
- ◇ The use of pharmacogenetic testing in clinical practice: the available evidence regarding clinical strengths and limitations.